

ABSTRACT

An alternating pressure valve system is provided comprising a blower with an air intake and an air outlet; a rotor valve assembly connected to the air outlet from the blower where the rotor valve assembly comprising: a housing with an air intake, a first air outlet, a second air outlet, and a circular chamber; and a wedged shaped rotor valve rotatably contained within the circular chamber of the housing such that the rotor valve can rotate to partially block the first air outlet, partially block the second air outlet, or block neither air outlets; The rotor valve is preferably controlled by a gearmotor and pressure sensors to detect the relative pressure in each outlet.

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